

DELL Parallel Download from WMS Server Instructions

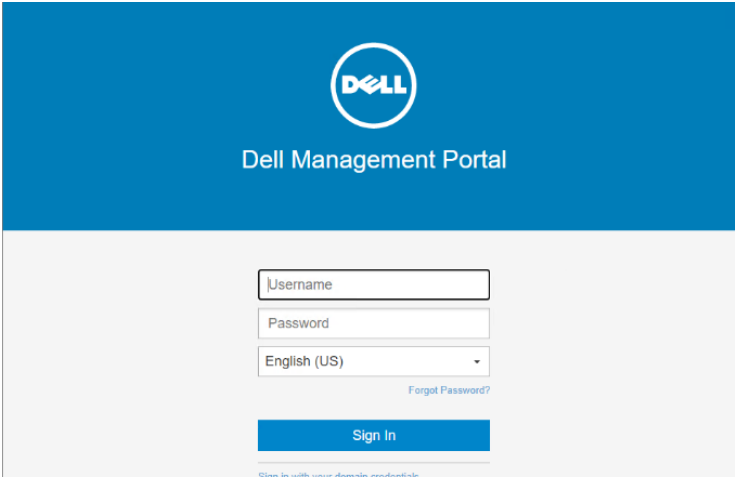
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DELL Parallel Download from WMS Server



Parallel Downloads

Users can increase the count of parallel downloads by following the below configuration changes

Workflow:

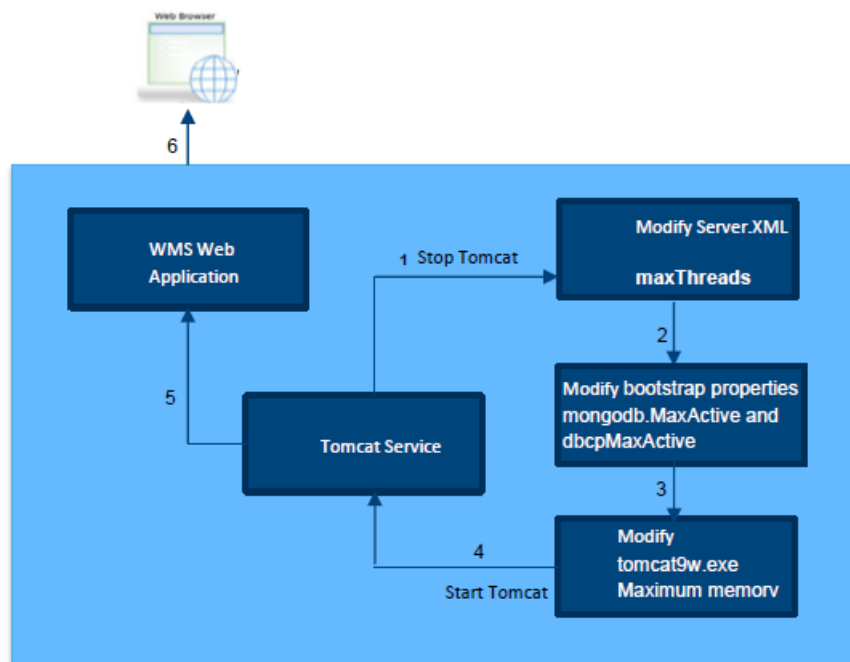


Fig 1. Parallel download configuration workflow

Deployment and Configuration:

On-Premises Wyse management suite:

Pre-requisite:

Users performing the below steps should have administrative privileges. Steps:

1. Go to the Windows Services application.
2. Stop Dell WMS:Tomcat Service
3. Open <InstallDir>\Tomcat-9\conf\server.xml in a text editor.
4. Under the connector for
protocol="com.dell.custom.customHttp11NioProtocol.CustomHttp11NioProtocolWrapper", change
maxThreads=150 value to 600

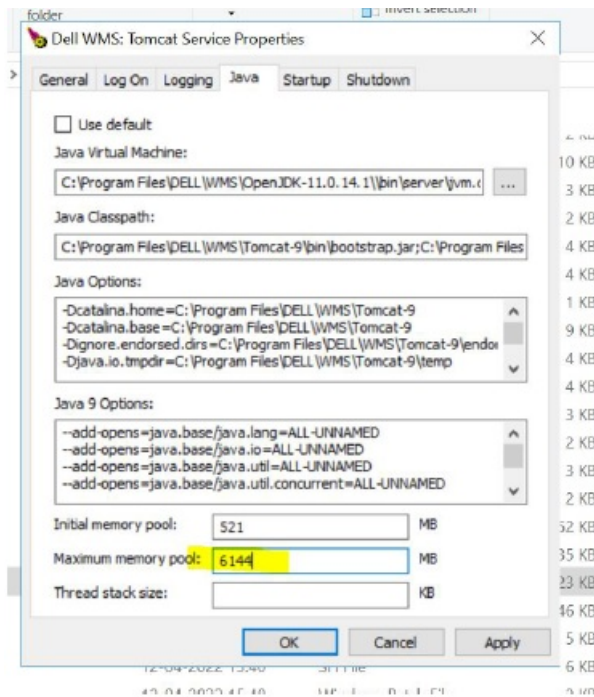
Note: This change can be made only on systems with 16 GB of RAM.

5. Save server.xml changes.

After Modification

6. Open <InstallDir>\ Tomcat-9\webapps\ccm-web\WEB-INF\classes\bootstrap.properties in a text editor.
7. Change mongodb.MaxActive=425 value to 600 editor.
8. Change connection.maxPoolSize=200 to 600
9. Open <InstallDir>\ Tomcat-9\bin\tomcat9w.exe
10. Go to java.
11. Change Maximum memory pool from 3 GB to 6 GB.
12. Save the file.
13. Start Dell WMS: Tomcat service.

Tomcat Heap Size After Modification



Remote Repository:

Pre-requisite:

Users performing the below steps should have administrative privileges. Steps:

1. Go to the Windows Services application.
2. Stop Dell WMS Repository: Tomcat Service.
3. Open <InstallDir>\Tomcat-9\conf\server.xml in a text editor.
4. Under the connector forocol="com.dell.custom.customHttp11NioProtocol.CustomHttp11NioProtocolWrapper", change maxThreads=150 value to 600

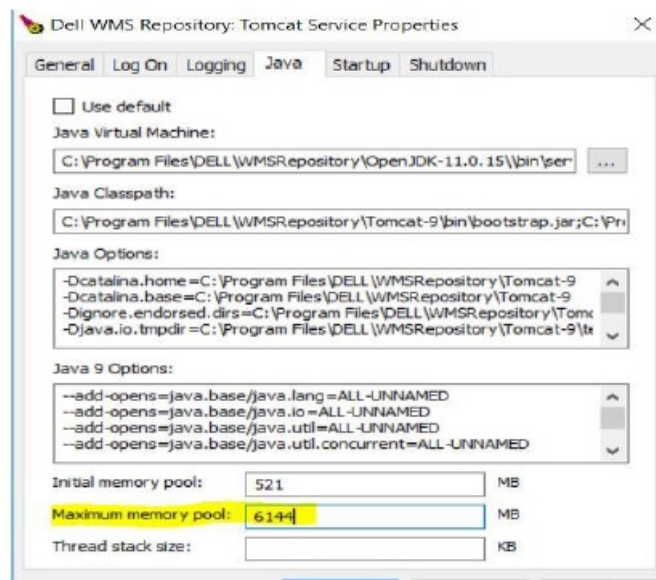
Note: This change can be made only on systems with 16 GB of RAM.

5. Save server.xml changes.

After Modification

6. Open <InstallDir>\ Tomcat-9\webapps\wms-repo\WEB-INF\classes\proxy.app.properties in a text editor.
7. Change connection.maxPoolSize=200 to 600
8. Save proxy.app.properties changes.
9. Open <InstallDir>\ Tomcat-9\bin\tomcat9w.exe
10. Go to java.
11. Change Maximum memory pool from 3 GB to 6 GB.
12. Save the file.
13. Start Dell WMS: Tomcat service.


Tomcat Heap Size After Modification



Configurations As per system capacity:

RAM	Tomcat Heap Memory	Concurrent downloads
8 GB	3 GB	300
16 GB	6 GB	600
32 GB	12 GB	1200

Documents / Resources

 <p>Parallel download from WMS server</p>	<p>DELL Parallel Download from WMS Server [pdf] Instructions</p> <p>Parallel Download from WMS Server, Download from WMS Server, WMS Server</p>
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References

-  [Computers, Monitors & Technology Solutions | Dell USA](#)